Name of Work: Improvements to roads and drains at Hegadenagara Surrounding Area in Ward No.06 Byatarayanapura Sub Division

PRE-MEASUREMENT SHEETS

"FIRST AND FINAL BILL"

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Name of Work: Improvements to roads and drains at Hegadenagara Surrounding Area in Ward No.06 Byatarayanapura Sub Division

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.							
	Flagging Course							
	Hegdenagar							
	Main Road							
	RHS Side							
	Ch:0.00m to 30.00m	RHS	1	30.00	0.45	0.35	4.73	
	Ch:30.0m to 34.20m	RHS	1	4.20	0.45	0.35	0.66	
	2nd Main Road							
	RHS (From Main Road)							
	Ch:0.00m to 30.00m	RHS	1	30.00	0.45	0.35	4.73	
	Ch:30.0m to 38.50m	RHS	1	8.50	0.45	0.35	1.34	
	Ch:38.50m to 56.50m Gap	RHS	1	18.00				
	Ch:56.50m to 86.50m	RHS	1	30.00	0.45	0.30	4.05	
	Ch:86.50m to 95.10m	RHS	1	8.60	0.45	0.30	1.16	
	LHS (From Main Road)							
	Ch:0.00m to 17.40m	LHS	1	17.40	0.45	0.35	2.74	
	Ch:17.40m to 47.40m Gap	LHS	1	30.00	0.45	0.35	4.73	
	Ch:47.40m to 50.70m Gap	LHS	1	3.30				
	Ch:50.70m to 54.10m	LHS	1	3.40	0.45	0.30	0.46	
	Ch:54.10m to 50.70m Gap	LHS	1	9.20				
	Ch:50.70m to 82.50m	LHS	1	19.20	0.45	0.30	2.59	
	Flagging course damaged reaches							
	1st Cross Rd							
	RHS (From Main Road)							
	Ch:30.00m to 45.00m	RHS	1	15.00	0.45	0.30	2.03	
	LHS (From Main Road)							
	Ch:35.00m to 47.00m	LHS	1	12.00	0.45	0.30	1.62	
	2nd Cross Rd							
	RHS (From Main Road)							
	Ch:15.00m to 33.00m	RHS	1	18.00	0.45	0.30	2.43	
	3rd Cross Rd							
	RHS (From Main Road)							
	Ch:30.00m to 45.00m	RHS	1	15.00	0.45	0.30	2.03	
	5th Cross Rd							
	LHS (From Main Road)							
	Ch:45.00m to 57.00m	LHS	1	12.00	0.45	0.30	1.62	

36.90

Contractor

16.06.2022

Assistant Engineer

ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer,

ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

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Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
	RHS (From Main Road)							
	Ch:35.00m to 49.00m	RHS	2	14.00	0.45	0.30	3.78	
	For Culvert							
	Hegdenagar							
	4th Cross Rd		1	7.30	2.00	1.00	14.60	
	5th Cross Rd		1	7.30	2.00	1.00	14.60	
	6th Cross Rd		1	7.30	2.00	1.05	15.33	
	7th Cross Rd		1	6.80	2.00	1.00	13.60	
	8th Cross Rd		1	7.10	2.00	1.00	14.20	76.11
						Present Qty	**113.01**	**Cum**

Contractor

16.06.2022

Asst. Engineer

Asst. Executive Engineer,
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

Scanned by CamScanner

Name of Work: Improvements to roads and drains at Hegadenagara Surrounding Area in Ward No.06 Byatarayanapura Sub Division

3

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.						
	For C.C Road						
	Hegdenagar						
	1st Cross Rd						
	Ch:0.00m to 15.00m	1	15.00	(7.10 + 7.20)/2	0.15	16.09	
	Ch:15.00m to 30.00m	1	15.00	(7.20 + 7.20)/2	0.15	16.20	
	Ch:30.00m to 45.00m	1	15.00	(7.20 + 7.20)/2	0.15	16.20	
	Ch:45.00m to 60.00m	1	15.00	(7.20 + 7.30)/2	0.15	16.31	
	Ch:60.00m to 74.10m	1	14.10	(7.30 + 7.20)/2	0.15	15.33	
	2nd Cross Rd						
	Ch:0.00m to 15.00m	1	15.00	(6.90 + 6.80)/2	0.15	15.41	
	Ch:15.00m to 30.00m	1	15.00	(6.80 + 6.80)/2	0.15	15.30	
	Ch:30.00m to 45.00m	1	15.00	(6.80 + 7.00)/2	0.15	15.53	
	Ch:45.00m to 60.00m	1	15.00	(7.00 + 7.50)/2	0.15	16.31	
	Ch:60.00m to 62.00m	1	2.00	(7.50 + 7.90)/2	0.15	2.31	
	3rd Cross Rd						
	Ch:0.00m to 15.00m	1	15.00	(7.00 + 7.00)/2	0.15	15.75	
	Ch:15.00m to 30.00m	1	15.00	(7.00 + 7.00)/2	0.15	15.75	
	Ch:30.00m to 45.00m	1	15.00	(7.00 + 6.60)/2	0.15	15.30	
	Ch:45.00m to 60.00m	1	15.00	(6.60 + 6.50)/2	0.15	14.74	

206-53

Contractor

Asst. Engineer

29.06.2022

Asst. Exec. Engineer,

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:60.00m to 63.85m	1	3.85	6.50 + 6.70 / 2	0.15	3.81	
	4th Cross Rd						
	Ch:0.00m to 15.00m	1	15.00	7.60 + 6.60 / 2	0.15	15.98	
	Ch:15.00m to 30.00m	1	15.00	6.60 + 6.80 / 2	0.15	15.08	
	Ch:30.00m to 45.00m	1	15.00	6.80 + 6.90 / 2	0.15	15.41	
	Ch:45.00m to 60.00m	1	15.00	6.90 + 7.10 / 2	0.15	15.75	
	Ch:60.00m to 69.40m	1	9.40	7.10 + 7.00 / 2	0.15	9.94	
	5th Cross Rd						
	Ch:0.00m to 15.00m	1	15.00	7.30 + 7.30 / 2	0.15	16.43	
	Ch:15.00m to 30.00m	1	15.00	7.30 + 7.10 / 2	0.15	16.20	
	Ch:30.00m to 45.00m	1	15.00	7.10 + 7.30 / 2	0.15	16.20	
	Ch:45.00m to 60.00m	1	15.00	7.30 + 7.20 / 2	0.15	16.31	
	Ch:60.00m to 70.70m	1	10.70	7.20 + 6.30 / 2	0.15	10.83	
	6th Cross Rd						
	Ch:0.00m to 15.00m	1	15.00	7.70 + 7.40 / 2	0.15	16.99	
	Ch:15.00m to 30.00m	1	15.00	7.40 + 7.40 / 2	0.15	16.65	
	Ch:30.00m to 45.00m	1	15.00	7.40 + 7.40 / 2	0.15	16.65	
	Ch:45.00m to 60.00m	1	15.00	7.40 + 7.10 / 2	0.15	16.31	
	Ch:60.00m to 75.10m	1	15.10	7.10 + 6.30 / 2	0.15	15.18	
	7th Cross Rd						
	Ch:0.00m to 15.00m	1	15.00	7.20 + 7.00 / 2	0.15	15.98	
	Ch:15.00m to 30.00m	1	15.00	7.00 + 7.40 / 2	0.15	16.20	
	Ch:30.00m to 45.00m	1	15.00	7.40 + 7.20 / 2	0.15	16.43	
	Ch:45.00m to 60.00m	1	15.00	7.20 + 7.10	0.15	16.09	

298.40

Contractor

Asst. Engineer

Asst. Exe. Engineer,

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:60.00m to 75.00m	1	15.00	(7.10 + 6.80)/2	0.15	15.64	
	Ch:75.00m to 76.90m	1	1.90	(6.80 + 6.80)/2	0.15	1.94	
	8th Cross Rd						
	Ch:0.00m to 15.00m	1	15.00	(7.50 + 7.20)/2	0.15	16.54	
	Ch:15.00m to 30.00m	1	15.00	(7.20 + 6.80)/2	0.15	15.75	
	Ch:30.00m to 45.00m	1	15.00	(6.80 + 6.80)/2	0.15	15.30	
	Ch:45.00m to 60.00m	1	15.00	(6.70 + 6.30)/2	0.15	14.63	
	Ch:60.00m to 67.60m	1	7.60	(6.30 + 5.70)/2	0.15	6.84	
	Deduct Man Hole	-30	1.00	(1.00 + 1.00)/2	0.15	-4.50	
	For Culvert						
	Hegdenagar						
	4th Cross Rd	1	7.30	2.00	0.15	2.19	
	5th Cross Rd	1	7.30	2.00	0.15	2.19	
	6th Cross Rd	1	7.30	2.00	0.15	2.19	
	7th Cross Rd	1	6.80	2.00	0.10	1.36	91.19
	8th Cross Rd	1	7.10	2.00	0.15	2.13	
					Present Qty	**597.12**	**Cum**

Contractor

Asst. Engineer

Asst. Exec. Engineer,

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Name of Work: Improvements to roads and drains at Hegadenagara Surrounding Area in Ward No.06 Byatarayanapura Sub Division

6

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
3	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications.							
	Flagging Course Bed Concrete							
	Hegdenagar							
	Main Road							
	RHS Side							
	Ch:0.00m to 30.00m	RHS	2	30.00	0.20	0.15	1.80	
	Ch:30.0m to 34.20m	RHS	2	4.20	0.20	0.15	0.25	
	2nd Main Road							
	RHS (From Main Road)							
	Ch:0.00m to 30.00m	RHS	2	30.00	0.20	0.15	1.80	
	Ch:30.0m to 38.50m	RHS	2	8.50	0.20	0.15	0.51	
	Ch:38.50m to 56.50m Gap	RHS	2	18.00				
	Ch:56.50m to 86.50m	RHS	2	30.00	0.20	0.15	1.80	
	Ch:86.50m to 95.10m	RHS	2	8.60	0.20	0.15	0.52	
	LHS (From Main Road)							
	Ch:0.00m to 17.40m	LHS	2	17.40	0.20	0.15	1.04	
	Ch:17.40m to 47.40m Gap	LHS	2	30.00	0.20	0.15	1.80	
	Ch:47.40m to 50.70m Gap	LHS	2	3.30				
	Ch:50.70m to 54.10m	LHS	2	3.40	0.20	0.15	0.20	
	Ch:54.10m to 50.70m Gap	LHS	2	9.20				
	Ch:50.70m to 82.50m	LHS	2	19.20	0.20	0.15	1.15	
	Flagging course damaged reaches							
	1st Cross Rd							
	RHS (From Main Road)							
	Ch:30.00m to 45.00m	RHS	2	15.00	0.20	0.10	0.60	
	LHS (From Main Road)							
	Ch:35.00m to 47.00m	LHS	2	12.00	0.20	0.15	0.72	
	2nd Cross Rd							
	RHS (From Main Road)							
	Ch:15.00m to 33.00m	RHS	2	18.00	0.20	0.15	1.08	
	3rd Cross Rd							
	RHS (From Main Road)							
	Ch:30.00m to 45.00m	RHS	2	15.00	0.20	0.15	0.90	
	5th Cross Rd						14.18	
	LHS (From Main Road)							

Contractor

Asst. Engineer

Asst. Exec. Engineer

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Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
	Ch:45.00m to 57.00m							
	RHS (From Main Road)	LHS	2	12.00	0.20	0.15	0.72	7
	Ch:35.00m to 49.00m							
	Flagging Course Coping Concrete	RHS	2	14.00	0.20	0.15	0.84	
	Hegdenagar							
	Main Road							
	RHS Side							
	Ch:0.00m to 30.00m	RHS	2	30.00	0.15	0.075	0.68	
	Ch:30.0m to 34.20m	RHS	2	4.20	0.15	0.075	0.09	
	2nd Main Road							
	RHS (From Main Road)							
	Ch:0.00m to 30.00m	RHS	2	30.00	0.15	0.075	0.68	
	Ch:30.0m to 38.50m	RHS	2	8.50	0.15	0.075	0.19	
	Ch:38.50m to 56.50m Gap	RHS	2	18.00				
	Ch:56.50m to 86.50m	RHS	2	30.00	0.15	0.075	0.68	
	Ch:86.50m to 95.10m	RHS	2	8.60	0.15	0.075	0.19	
	LHS (From Main Road)							
	Ch:0.00m to 17.40m	LHS	2	17.40	0.15	0.075	0.39	
	Ch:17.40m to 47.40m Gap	LHS	2	30.00	0.15	0.075	0.68	
	Ch:47.40m to 50.70m Gap	LHS	2	3.30				
	Ch:50.70m to 54.10m	LHS	2	3.40	0.15	0.075	0.08	
	Ch:54.10m to 50.70m Gap	LHS	2	9.20				
	Ch:50.70m to 82.50m	LHS	2	19.20	0.15	0.075	0.43	
	Flagging course damaged reaches							
	1st Cross Rd							
	RHS (From Main Road)							
	Ch:30.00m to 45.00m	RHS	2	15.00	0.15	0.075	0.34	
	LHS (From Main Road)							
	Ch:35.00m to 47.00m	LHS	2	12.00	0.15	0.075	0.27	
	2nd Cross Rd							
	RHS (From Main Road)							
	Ch:15.00m to 33.00m	RHS	2	18.00	0.15	0.075	0.41	
	3rd Cross Rd							
	RHS (From Main Road)							
	Ch:30.00m to 45.00m	RHS	2	15.00	0.15	0.075	0.34	
	5th Cross Rd							
	LHS (From Main Road)							
	Ch:45.00m to 57.00m	LHS	2	12.00	0.15	0.075	0.27	
	RHS (From Main Road)							
	Ch:35.00m to 49.00m	RHS	2	14.00	0.15	0.075	0.32	
	For Culvert Vent Concrete							
	Hegdenagar		1	7.30	0.60	0.10	0.44	
	4th Cross Rd		1	7.30	0.60	0.10	0.44	
	5th Cross Rd		1	7.30	0.60	0.10	0.44	
	6th Cross Rd							

8.89

Contractor

Asst. Engineer

Asst. Executive Engineer,

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
	7th Cross Rd		1	6.80	0.60	0.10	0.41	8
	8th Cross Rd		1	7.10	0.60	0.10	0.43	
	For Culvert Coping							
	Hegdenagar							
	4th Cross Rd		1	7.30	0.45	0.10	0.33	
	5th Cross Rd		1	7.30	0.45	0.10	0.33	
	6th Cross Rd		1	7.30	0.45	0.10	0.33	
	7th Cross Rd		1	6.80	0.45	0.10	0.31	
	8th Cross Rd		1	7.10	0.45	0.10	0.32	2.45
						Present Qty	**25.51**	**Cum**

Contractor

20.06.2022
Asst. Engineer
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Asst. Exec. Engineer,
ಸಹಾಯಕ ಕಾರ್ಯ. ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-14

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Name of Work: Improvements to roads and drains at Hegadenagara Surrounding Area in Ward No.06 Byatarayanapura Sub Division

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
4	KSRB 5-14: Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. - do - with solid concrete blocks of size 400x150x200mm							
	Flagging Course							
	Hegdenagar							
	Main Road							
	RHS Side							
	Ch:0.00m to 30.00m	RHS	2	30.00		0.20	12.00	
	Ch:30.0m to 34.20m	RHS	2	4.20		0.20	1.68	
	2nd Main Road							
	RHS (From Main Road)							
	Ch:0.00m to 30.00m	RHS	2	30.00		0.20	12.00	
	Ch:30.0m to 38.50m	RHS	2	8.50		0.20	3.40	
	Ch:38.50m to 56.50m Gap	RHS	2	18.00				
	Ch:56.50m to 86.50m	RHS	2	30.00		0.20	12.00	
	Ch:86.50m to 95.10m	RHS	2	8.60		0.20	3.44	
	LHS (From Main Road)							
	Ch:0.00m to 17.40m	LHS	2	17.40		0.20	6.96	
	Ch:17.40m to 47.40m Gap	LHS	2	30.00				
	Ch:47.40m to 50.70m Gap	LHS	2	3.30				
	Ch:50.70m to 54.10m	LHS	2	3.40		0.20	1.36	
	Ch:54.10m to 50.70m Gap	LHS	2	9.20				
	Ch:50.70m to 82.50m	LHS	2	19.20		0.20	7.68	
	Flagging course damaged reaches							
	1st Cross Rd							
	RHS (From Main Road)	RHS	2	15.00		0.20	6.00	
	Ch:30.00m to 45.00m							
	LHS (From Main Road)	LHS	2	12.00		0.20	4.80	
	Ch:35.00m to 47.00m							
	2nd Cross Rd							
	RHS (From Main Road)	RHS	2	18.00		0.20	7.20	
	Ch:15.00m to 33.00m							
	3rd Cross Rd							
	RHS (From Main Road)	RHS	2	15.00		0.20	6.00	
	Ch:30.00m to 45.00m						84.52	
	5th Cross Rd							

Contractor

18.06.2022
Asst. Engineer
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Asst. Exec. Engineer
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬೆಂಗಳೂರು-26

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Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
	LHS (From Main Road)							
	Ch:45.00m to 57.00m	LHS	2	12.00		0.20	4.80	
	RHS (From Main Road)							
	Ch:35.00m to 49.00m	RHS	2	14.00		0.20	5.60	
						Present Qty	**94.92**	**Sqm**

Contractor

Asst. Engineer

Asst. Exec. Engineer,

Scanned by CamScanner

Name of Work: Improvements to roads and drains at Hegadenagara Surrounding Area in Ward No.06 Byatarayanapura Sub Division 11

Measurement Recorded On: Detailed Measurements

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
5	KSRB 5.2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications.							
	For Culvert Wall							
	Hegdenagar							
	Hegdenagar							
	4th Cross Rd		2	7.30	0.45	0.80	5.26	
	5th Cross Rd		2	7.30	0.45	0.80	5.26	
	6th Cross Rd		2	7.30	0.45	0.60	3.94	
	7th Cross Rd		2	6.80	0.45	0.80	4.90	
	8th Cross Rd		2	7.10	0.45	0.80	5.11	
						Present Qty	**24.46**	**Cum**

Contractor

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-28

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Name of Work: Improvements to roads and Drains at Basavalingappa badavane and Rajiv Gandhinagara and Chikkabettahalli in ward no-03 of Yelahanka Satellite Town Sub Division 12

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
08	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. Loading and unloading with						
	Dismantling Of C.C Road						
	Hegdenagar						
	1st Cross Rd						
	Ch:0.00m to 15.00m	1	15.00	(7.10 + 7.20)/2	0.20	21.45	
	Ch:15.00m to 30.00m	1	15.00	(7.20 + 7.20)/2	0.20	21.60	
	Ch:30.00m to 45.00m	1	15.00	(7.20 + 7.20)/2	0.20	21.60	
	Ch:45.00m to 60.00m	1	15.00	(7.20 + 7.30)/2	0.20	21.75	
	Ch:60.00m to 74.10m	1	14.10	(7.30 + 7.20)/2	0.20	20.45	
	2nd Cross Rd						
	Ch:0.00m to 15.00m	1	15.00	(6.90 + 6.80)/2	0.20	20.55	
	Ch:15.00m to 30.00m	1	15.00	(6.80 + 6.80)/2	0.20	20.40	
	Ch:30.00m to 45.00m	1	15.00	(6.80 + 7.00)/2	0.20	20.70	
	Ch:45.00m to 60.00m	1	15.00	(7.00 + 7.50)/2	0.20	21.75	
	Ch:60.00m to 62.00m	1	2.00	(7.50 + 7.90)/2	0.20	3.08	
	3rd Cross Rd						
	Ch:0.00m to 15.00m	1	15.00	(7.00 + 7.00)/2	0.20	21.00	
	Ch:15.00m to 30.00m	1	15.00	(7.00 + 7.00)/2	0.20	21.00	
	Ch:30.00m to 45.00m	1	15.00	(7.00 + 6.60)/2	0.20	20.40	
	Ch:45.00m to 60.00m	1	15.00	(6.60 + 6.50)/2	0.20	19.65	
	Ch:60.00m to 63.85m	1	3.85	(6.50 + 6.70)/2	0.20	5.08	

280.46

Contractor

Asst. Engineer 24.06.2022

Asst. Exec. Engineer, 24/06

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	4th Cross Rd						13
	Ch:0.00m to 15.00m	1	15.00	(7.60 + 6.60)/2	0.20	21.30	
	Ch:15.00m to 30.00m	1	15.00	(6.60 + 6.80)/2	0.20	20.10	
	Ch:30.00m to 45.00m	1	15.00	(6.80 + 6.90)/2	0.20	20.55	
	Ch:45.00m to 60.00m	1	15.00	(6.90 + 7.10)/2	0.20	21.00	
	Ch:60.00m to 69.40m	1	9.40	(7.10 + 7.00)/2	0.20	13.25	
	5th Cross Rd						
	Ch:0.00m to 15.00m	1	15.00	(7.30 + 7.30)/2	0.20	21.90	
	Ch:15.00m to 30.00m	1	15.00	(7.30 + 7.10)/2	0.20	21.60	
	Ch:30.00m to 45.00m	1	15.00	(7.10 + 7.30)/2	0.20	21.60	
	Ch:45.00m to 60.00m	1	15.00	(7.30 + 7.20)/2	0.20	21.75	
	Ch:60.00m to 70.70m	1	10.70	(7.20 + 6.30)/2	0.20	14.45	
	6th Cross Rd						
	Ch:0.00m to 15.00m	1	15.00	(7.70 + 7.40)/2	0.20	22.65	
	Ch:15.00m to 30.00m	1	15.00	(7.40 + 7.40)/2	0.20	22.20	
	Ch:30.00m to 45.00m	1	15.00	(7.40 + 7.40)/2	0.20	22.20	
	Ch:45.00m to 60.00m	1	15.00	(7.40 + 7.10)/2	0.20	21.75	
	Ch:60.00m to 75.10m	1	15.10	(7.10 + 6.30)/2	0.20	20.23	
	7th Cross Rd						
	Ch:0.00m to 15.00m	1	15.00	(7.20 + 7.00)/2	0.20	21.30	
	Ch:15.00m to 30.00m	1	15.00	(7.00 + 7.40)/2	0.20	21.60	
	Ch:30.00m to 45.00m	1	15.00	(7.40 + 7.20)/2	0.20	21.90	
	Ch:45.00m to 60.00m	1	15.00	(7.20 + 7.10)/2	0.20	21.45	
	Ch:60.00m to 75.00m	1	15.00	(7.10 + 6.80)/2	0.20	20.85	

413-63

Contractor

24.06.2022
Asst. Engineer
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Asst. Exec. Engineer,

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:75.00m to 76.90m	1	1.90	(6.80 + 6.80) / 2	0.20	2.58	
	8th Cross Rd						
	Ch:0.00m to 15.00m	1	15.00	(7.50 + 7.20) / 2	0.20	22.05	
	Ch:15.00m to 30.00m	1	15.00	(7.20 + 6.80) / 2	0.20	21.00	
	Ch:30.00m to 45.00m	1	15.00	(6.80 + 6.80) / 2	0.20	20.40	
	Ch:45.00m to 60.00m	1	15.00	(6.70 + 6.30) / 2	0.20	19.50	
	Ch:60.00m to 67.60m	1	7.60	(6.30 + 5.70) / 2	0.20	9.12	
	Deduct Man Hole	-30	1.00	(1.00 + 1.00) / 2	0.20	-6.00	
					Present Qty	**782.74**	**Cum**

88.65

Asst. Engineer

Asst. Exec. Engineer,

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Name of Work: Improvements to roads and drains at Hegadenagara Surrounding Area in Ward No.06 Byatarayanapura Sub Division

15

Detailed Measurements

Mensurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
9	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications						
	For C.C Road						
	Hegdenagar						
	1st Cross Rd						
	Ch:0.00m to 15.00m	1	15.00	(1.80 + 1.90)/2	0.20	5.55	
	Ch:15.00m to 30.00m	1	15.00	(1.90 + 1.70)/2	0.20	5.40	
	Ch:30.00m to 45.00m	1	15.00	(1.70 + 1.80)/2	0.20	5.25	
	Ch:45.00m to 60.00m	1	15.00	(1.80 + 2.20)/2	0.20	6.00	
	Ch:60.00m to 74.10m	1	14.10	(2.20 + 2.30)/2	0.20	6.35	
	2nd Cross Rd						
	Ch:0.00m to 15.00m	1	15.00	(1.90 + 1.90)/2	0.20	5.70	
	Ch:15.00m to 30.00m	1	15.00	(1.90 + 2.30)/2	0.20	6.30	
	Ch:30.00m to 45.00m	1	15.00	(2.30 + 3.00)/2	0.20	7.95	
	Ch:45.00m to 60.00m	1	15.00	(3.00 + 2.50)/2	0.20	8.25	
	Ch:60.00m to 62.00m	1	2.00	(2.50 + 2.20)/2	0.20	0.94	
	3rd Cross Rd						
	Ch:0.00m to 15.00m	1	15.00	(2.00 + 1.90)/2	0.20	5.85	
	Ch:15.00m to 30.00m	1	15.00	(1.90 + 1.70)/2	0.20	5.40	

68.94

Asst. Engineer

Asst. Exec. Engineer

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:30.00m to 45.00m	1	15.00	1.70 + 1.90 / 2	0.20	5.40	16
	Ch:45.00m to 60.00m	1	15.00	1.90 + 2.10 / 2	0.20	6.00	
	Ch:60.00m to 63.85m	1	3.85	2.10 + 2.40 / 2	0.20	1.73	
	4th Cross Rd						
	Ch:0.00m to 15.00m	1	15.00	2.10 + 1.90 / 2	0.20	6.00	
	Ch:15.00m to 30.00m	1	15.00	1.90 + 2.50 / 2	0.20	6.60	
	Ch:30.00m to 45.00m	1	15.00	2.50 + 2.40 / 2	0.20	7.35	
	Ch:45.00m to 60.00m	1	15.00	2.40 + 2.30 / 2	0.20	7.05	
	Ch:60.00m to 69.40m	1	9.40	2.30 + 2.50 / 2	0.20	4.51	
	5th Cross Rd						
	Ch:0.00m to 15.00m	1	15.00	2.40 + 2.30 / 2	0.20	7.05	
	Ch:15.00m to 30.00m	1	15.00	2.30 + 2.50 / 2	0.20	7.20	
	Ch:30.00m to 45.00m	1	15.00	2.50 + 2.20 / 2	0.20	7.05	
	Ch:45.00m to 60.00m	1	15.00	2.20 + 2.10 / 2	0.20	6.45	
	Ch:60.00m to 70.70m	1	10.70	2.10 + 2.00 / 2	0.20	4.39	
	6th Cross Rd						
	Ch:0.00m to 15.00m	1	15.00	1.80 + 1.70 / 1	0.20	5.25	
	Ch:15.00m to 30.00m	1	15.00	1.70 + 1.80 / 2	0.20	5.25	
	Ch:30.00m to 45.00m	1	15.00	1.80 + 2.00 / 2	0.20	5.70	
	Ch:45.00m to 60.00m	1	15.00	2.00 + 2.10 / 2	0.20	6.15	
	Ch:60.00m to 75.10m	1	15.10	2.10 + 2.40 / 2	0.20	6.80	
	7th Cross Rd						
	Ch:0.00m to 15.00m	1	15.00	1.70 + 2.80 / 2	0.20	6.75	
	Ch:15.00m to 30.00m	1	15.00	2.80 + 3.00 / 2	0.20	8.70	

121.38

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:30.00m to 45.00m	1	15.00	3.00 + 2.00 / 2	0.20	7.50	17
	Ch:45.00m to 60.00m	1	15.00	2.00 + 2.10 / 2	0.20	6.15	
	Ch:60.00m to 75.00m	1	15.00	2.10 + 2.50 / 2	0.20	6.90	
	Ch:75.00m to 76.90m	1	1.90	2.50 + 2.30 / 2	0.20	0.91	
	8th Cross Rd						
	Ch:0.00m to 15.00m	1	15.00	2.00 + 1.80 / 2	0.20	5.70	
	Ch:15.00m to 30.00m	1	15.00	1.80 + 1.70 / 2	0.20	5.25	
	Ch:30.00m to 45.00m	1	15.00	1.70 + 2.00 / 2	0.20	5.55	
	Ch:45.00m to 60.00m	1	15.00	2.00 + 2.10 / 2	0.20	6.15	
	Ch:60.00m to 67.60m	1	7.60	2.10 + 1.90 / 2	0.20	3.04	
	Deduct Man Hole	-30	1.00	1.00 + 1.00 / 2	0.20	-6.00	41.15
					Present Qty	**231.46**	**Cum**

Contractor

Asst. Engineer

Asst. Exec. Engineer,

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